Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	1017	(715/501.1).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/05/13 14:02
L3	889	(715/530).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/05/13 14:02
L4	3667	(709/223).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/05/13 14:02
L5	11451	track$4 with (link or hyper$link)	US-PGPUB; USPAT	OR	ON	2005/05/13 14:02
L6	65	5 and (request$4 with record$4 with (link or hyper$link))	US-PGPUB; USPAT	OR	ON	2005/05/13 14:02
L7	13	5 and (request$4 with record$4 with (link or hyper$link) with file)	US-PGPUB; USPAT	OR	ON	2005/05/13 14:02
L8	10203	user with select$4 with (link or hyper$link or hyperlink)	US-PGPUB; USPAT	OR	ON	2005/05/13 14:02
L9	894	8 and ((sav$4 or stor$$) with (link or hyper$link or hyperlink) with file)	US-PGPUB; USPAT	OR	ON	2005/05/13 14:03
L10	12	9 and 6	US-PGPUB; USPAT	OR	ON	2005/05/13 14:03
L11	19	determin$4 with (domain adj name) with different	US-PGPUB; USPAT	OR	ON	2005/05/13 14:03
L12	1	10 and 11	US-PGPUB; USPAT	OR	ON	2005/05/13 14:03
L13	829	server with (inoperative or inaccessible or inoperable)	US-PGPUB; USPAT	OR	ON	2005/05/13 14:03
L14	32	13 same (server with receiv$4 with request)	US-PGPUB; USPAT	OR	ON	2005/05/13 14:03
L15	1	14 and 11	US-PGPUB; USPAT	OR	ON	2005/05/13 14:03
L16	138	track$4 with hyper$link	US-PGPUB; USPAT	OR	ON	2005/05/13 14:04
L17	27	16 and (hyper$link with file)	US-PGPUB; USPAT	OR	ON	2005/05/13 14:04
S10	10921	track$4 with (link or hyper$link)	US-PGPUB; USPAT	OR	ON	2005/05/13 14:02
S11	61	S10 and (request$4 with record$4 with (link or hyper$link))	US-PGPUB; USPAT	OR	ON	2005/05/13 14:02
S12	12	S10 and (request$4 with record$4 with (link or hyper$link) with file)	US-PGPUB; USPAT	OR	ON	2005/05/13 14:02

PORTAL
USPTO
Subscribe (Full Service) Register (Limited Service, Free) Login
Search: The ACM Digital Library The Guide
capturing link tracking information server file
SEARCH
THE ACM DIGITAL LIBRARY
Feedback Report a problem Satisfaction survey

Terms used **capturing link tracking information server file** Found **72,930** of **154,226**

Sort results by relevance
Display results expanded form
Save results to a Binder
Search Tips
Open results in a new window

Try an Advanced Search
Try this search in The ACM Guide

Results 1 - 20 of 200 Result page: **1** 2 3 4 5 6 7 8 9 10 next
Best 200 shown Relevance scale

1 Fast detection of communication patterns in distributed executions
Thomas Kunz, Michiel F. H. Seuren
November 1997 **Proceedings of the 1997 conference of the Centre for Advanced Studies on Collaborative research**
Full text available: pdf(4.21 MB) Additional Information: full citation, abstract, references, index terms

Understanding distributed applications is a tedious and difficult task. Visualizations based on process-time diagrams are often used to obtain a better understanding of the execution of the application. The visualization tool we use is Poet, an event tracer developed at the University of Waterloo. However, these diagrams are often very complex and do not provide the user with the desired overview of the application. In our experience, such tools display repeated occurrences of non-trivial commun ...

2 Computing curricula 2001
September 2001 **Journal on Educational Resources in Computing (JERIC)**
Full text available: pdf(613.63 KB) html(2.78 KB) Additional Information: full citation, references, citings, index terms

3 The state of the art in automating usability evaluation of user interfaces
Melody Y. Ivory, Marti A Hearst
December 2001 **ACM Computing Surveys (CSUR)**, Volume 33 Issue 4
Full text available: pdf(2.31 MB) Additional Information: full citation, abstract, references, citings, index terms, review

Usability evaluation is an increasingly important part of the user interface design process. However, usability evaluation can be expensive in terms of time and human resources, and automation is therefore a promising way to augment existing approaches. This article presents an extensive survey of usability evaluation methods, organized according to a new taxonomy that emphasizes the role of automation. The survey analyzes existing techniques, identifies which aspects of usability evaluation aut ...

Keywords: Graphical user interfaces, taxonomy, usability evaluation automation, web interfaces

4 WebQuilt: a framework for capturing and visualizing the web experience

Jason I. Hong, James A. Landay
April 2001 **Proceedings of the tenth international conference on World Wide Web**
Full text available: pdf(611.22 KB) Additional Information: full citation, references, citings, index terms

Keywords: WebQuilt, log file analysis, usability evaluation, web proxy, web visualization

5 Industrial sessions: beyond relational tables: Coordinating backup/recovery and data consistency between database and file systems
Suparna Bhattacharya, C. Mohan, Karen W. Brannon, Inderpal Narang, Hui-I Hsiao, Mahadevan Subramanian
June 2002 **Proceedings of the 2002 ACM SIGMOD international conference on Management of data**
Full text available: pdf(1.44 MB) Additional Information: full citation, abstract, references, index terms

Managing a combined store consisting of database data and file data in a robust and consistent manner is a challenge for database systems and content management systems. In such a hybrid system, images, videos, engineering drawings, etc. are stored as files on a file server while meta-data referencing/indexing such files is created and stored in a relational database to take advantage of efficient search. In this paper we describe solutions for two potentially problematic aspects of such a data ...

Keywords: DB2, content management, database backup, database recovery, datalinks

6 System support for pervasive applications
Robert Grimm, Janet Davis, Eric Lemar, Adam Macbeth, Steven Swanson, Thomas Anderson, Brian Bershad, Gaetano Borriello, Steven Gribble, David Wetherall
November 2004 **ACM Transactions on Computer Systems (TOCS)**, Volume 22 Issue 4
Full text available: pdf(1.82 MB) Additional Information: full citation, abstract, references, index terms

Pervasive computing provides an attractive vision for the future of computing. Computational power will be available everywhere. Mobile and stationary devices will dynamically connect and coordinate to seamlessly help people in accomplishing their tasks. For this vision to become a reality, developers must build applications that constantly adapt to a highly dynamic computing environment. To make the developers' task feasible, we present a system architecture for pervasive computing, called & ...

Keywords: Asynchronous events, checkpointing, discovery, logic/operation pattern, migration, one.world, pervasive computing, structured I/O, tuples, ubiquitous computing

7 WebQuilt: A proxy-based approach to remote web usability testing
July 2001 **ACM Transactions on Information Systems (TOIS)**, Volume 19 Issue 3
Full text available: pdf(2.89 MB) Additional Information: full citation, abstract, references, citings, index terms, review

WebQuilt is a web logging and visualization system that helps web design teams run usability tests (both local and remote) and analyze the collected data. Logging is done through a proxy, overcoming many of the problems with server-side and client-side logging. Captured usage traces can be aggregated and visualized in a zooming interface that shows the web pages people viewed. The visualization also shows the most common paths taken through the web site for a given task, as well as the optimal p ...

Keywords: Usability evalution, WebQuilt, log file analysis, web proxy, web visualization

8 Client-server computing in mobile environments
Jin Jing, Abdelsalam Sumi Helal, Ahmed Elmagarmid
June 1999 **ACM Computing Surveys (CSUR)**, Volume 31 Issue 2

Full text available: pdf(233.31 KB) Additional Information: full citation, abstract, references, citings, index terms, review

Recent advances in wireless data networking and portable information appliances have engendered a new paradigm of computing, called mobile computing, in which users carrying portable devices have access to data and information services regardless of their physical location or movement behavior. In the meantime, research addressing information access in mobile environments has proliferated. In this survey, we provide a concrete framework and categorization of the various way ...

Keywords: application adaptation, cache invalidation, caching, client/server, data dissemination, disconnected operation, mobile applications, mobile client/server, mobile compuing, mobile data, mobility awareness, survey, system application

9 Information gathering in the World-Wide Web: the W3QL query language and the W3QS system
David Konopnicki, Oded Shmueli
December 1998 **ACM Transactions on Database Systems (TODS)**, Volume 23 Issue 4

Full text available: pdf(1.36 MB) Additional Information: full citation, abstract, references, citings, index terms

The World Wide Web (WWW) is a fast growing global information resource. It contains an enormous amount of information and provides access to a variety of services. Since there is no central control and very few standards of information organization or service offering, searching for information and services is a widely recognized problem. To some degree this problem is solved by "search services," also known as "indexers," such as Lycos, AltaVista, Yahoo, and others. ...

Keywords: CGI, FORMS, HTML, HTTP, PERL, World-Wide Web, query language, query system

10 IS '97: model curriculum and guidelines for undergraduate degree programs in information systems
Gordon B. Davis, John T. Gorgone, J. Daniel Couger, David L. Feinstein, Herbert E. Longenecker
December 1996 **ACM SIGMIS Database , Guidelines for undergraduate degree programs on Model curriculum and guidelines for undergraduate degree programs in information systems**, Volume 28 Issue 1

Full text available: pdf(7.24 MB) Additional Information: full citation, citings

11 Server performance and scalability: Challenges and practices in deploying web acceleration solutions for distributed enterprise systems
Wen-Syan Li, Wang-Pin Hsiung, Oliver Po, Koji Hino, Kasim Selcuk Candan, Divyakant Agrawal
May 2004 **Proceedings of the 13th international conference on World Wide Web**

Full text available: pdf(6.61 MB) Additional Information: full citation, abstract, references, index terms

For most Web-based applications, contents are created dynamically based on the current state of a business, such as product prices and inventory, stored in database systems. These applications demand personalized content and track user behavior while maintaining application integrity. Many of such practices are not compatible with Web acceleration solutions. Consequently, although many web acceleration solutions have shown promising performance improvement and scalability, architecting and engin ...

Keywords: application server, dynamic content, edge server, fragment, j2ee, reliability, scalability, web acceleration

12 Technical papers: software understanding: Hipikat: recommending pertinent software development artifacts

Davor Čubranić, Gail C. Murphy

May 2003 **Proceedings of the 25th International Conference on Software Engineering**

Full text available: pdf(1.19 MB) Publisher Site Additional Information: full citation, abstract, references, citings, index terms

A newcomer to a software project must typically come up-to-speed on a large, varied amount of information about the project before becoming productive. Assimilating this information in the open-source context is difficult because a newcomer cannot rely on the mentoring approach that is commonly used in traditional software developments. To help a newcomer to an open-source project become productive faster, we propose Hipikat, a tool that forms an implicit group memory from the information stored ...

13 Interaction in the real world: The missing link: augmenting biology laboratory notebooks

Wendy E. Mackay, Guillaume Pothier, Catherine Letondal, Kaare Bøegh, Hans Erik Sørensen

October 2002 **Proceedings of the 15th annual ACM symposium on User interface software and technology**

Full text available: pdf(814.78 KB) mov(258.00 bytes) wmv (258.00 bytes) Additional Information: full citation, abstract, references, citings, index terms

Using a participatory design process, we created three prototype augmented laboratory notebooks that provide the missing link between paper, physical artifacts and on-line data. The final *a-book* combines a graphics tablet and a PDA. The tablet captures writing on the paper notebook and the PDA acts as an "interaction lens" or window between physical and electronic documents. Our approach is document-centered, with a software architecture based on layers of physical and electronic informat ...

Keywords: SVG, a-book, augmented laboratory note-books, augmented reality, information layers, interaction lens, interactive paper

14 Software engineering environment: Rule-based process servers for software development environments

Steven S. Popovich

November 1992 **Proceedings of the 1992 conference of the Centre for Advanced Studies on Collaborative research - Volume 1**

Full text available: pdf(1.87 MB) Additional Information: full citation, abstract, references

Most SDEs are either *integrated toolsets* or *process-based environments*. Process-based environments have obvious advantages in support for the development process, while integrated toolsets have advantages in usability and convenience. By integrating the two

approaches, the benefits of both are obtained. Direct integration, however, is not always possible, because the process engine's integration mechanism may conflict with that of the toolset.The solution is to center the environme ...

15 Level II technical support in a distributed computing environment

Tim Leehane

September 1996 **Proceedings of the 24th annual ACM SIGUCCS conference on User services**

Full text available: pdf(5.73 MB) Additional Information: full citation, references, index terms

16 A hypermedia version control framework

David L. Hicks, John J. Leggett, Peter J. Nürnberg, John L. Schnase

April 1998 **ACM Transactions on Information Systems (TOIS)**, Volume 16 Issue 2

Full text available: pdf(1.58 MB) Additional Information: full citation, abstract, references, citings, index terms

The areas of application of hypermedia technology, combined with the capabilities that hypermedia provides for manipulating structure, create an environment in which version control is very important. A hypermedia version control framework has been designed to specifically address the version control problem in open hypermedia environments. One of the primary distinctions of the framework is the partitioning of hypermedia version control functionality into intrinsic and application-specific ...

Keywords: hyperbase management system, hypermedia

17 Customizing information capture and access

Daniela Rus, Devika Subramanian

January 1997 **ACM Transactions on Information Systems (TOIS)**, Volume 15 Issue 1

Full text available: pdf(1.26 MB) Additional Information: full citation, abstract, references, citings, index terms, review

This article presents a customizable architecture for software agents that capture and access information in large, heterogeneous, distributed electronic repositories. The key idea is to exploit underlying structure at various levels of granularity to build high-level indices with task-specific interpretations. Information agents construct such indices and are configured as a network of reusable modules called structure detectors and segmenters. We illustrate our architectu ...

Keywords: information gathering, software agents, table recognition

18 Separating key management from file system security

David Mazières, Michael Kaminsky, M. Frans Kaashoek, Emmett Witchel

December 1999 **ACM SIGOPS Operating Systems Review , Proceedings of the seventeenth ACM symposium on Operating systems principles**, Volume 33 Issue 5

Full text available: pdf(1.77 MB) Additional Information: full citation, abstract, references, citings, index terms

No secure network file system has ever grown to span the Internet. Existing systems all lack adequate key management for security at a global scale. Given the diversity of the Internet, any particular mechanism a file system employs to manage keys will fail to support many types of use.We propose separating key management from file system security, letting the world share a single global file system no matter how individuals

manage keys. We present SFS, a secure file system that avoids internal ...

19 Technical papers: software presentation: Towards large-scale information integration
Kenneth M. Anderson, Susanne A. Sherba, William V. Lepthien
May 2002 **Proceedings of the 24th International Conference on Software Engineering**

Full text available: pdf(1.46 MB) Additional Information: full citation, abstract, references, citings, index terms

Software engineers confront many challenges during software development. One challenge is managing the relationships that exist between software artifacts. We refer to this task as information integration, since establishing a relationship between documents typically implies that an engineer must integrate information from each of the documents to perform a development task. In the past, we have applied open hypermedia techniques and technology to address this challenge. We now extend this work ...

20 Mitigating server-side congestion in the Internet through pseudoserving
Keith Kong, Dipak Ghosal
August 1999 **IEEE/ACM Transactions on Networking (TON)**, Volume 7 Issue 4

Full text available: pdf(229.43 KB) Additional Information: full citation, references, citings, index terms

Keywords: Internet server technology, caching, flash-crowd, pseudoserving

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2005 ACM, Inc.
Terms of Usage Privacy Policy Code of Ethics Contact Us

Useful downloads: Adobe Acrobat QuickTime Windows Media Player Real Player